

WHAT IS CLAIMED IS:

1. A picture production system comprising:
a medium including storage means from or into which data is read or written;
at least one photographic device for taking pictures fixed at a predetermined place; and
a picture production apparatus for producing a picture by extracting a picture in accordance with an action of a user owning said medium from the pictures taken by said at least one photographic device based on the data recorded in said medium and by editing the extracted picture related to the user.
2. A picture production system according to claim 1, further comprising at least one data writer fixed at a predetermined place, for writing data into said medium, wherein:
said at least one data writer writes time data and position data into said medium; and
said picture production apparatus extracts a picture in accordance with the action of the user by using the time data and the position data read from said medium.
3. A picture production system according to claim 1,

further comprising at least one data reader fixed at a predetermined place, for reading data from said medium, wherein:

said data reader reads client identification information from said medium, and sends, together with the client identification information, time data and position data to said picture production apparatus; and

said picture production apparatus manages the client identification information, the time data, and the position data sent from said data reader, and also obtains the time data and position data based on the client identification information read from said medium, thereby extracting a picture in accordance with the action of the user by using the time data and the position data.

4. A picture production system according to claim 1, wherein said medium is a card medium.

5. A picture production system according to claim 1, wherein said medium is a medium loaded or integrated into an information processing apparatus.

6. A picture production system according to claim 5, wherein said information processing apparatus comprises position detecting means, and writes position data detected

by the position detecting means into said medium.

7. A picture production system according to claim 5, wherein said information processing apparatus comprises timing means, and writes time data obtained by the timing means into said medium.

8. A picture production system according to claim 1, further comprising at least one medium access device fixed at a predetermined place, wherein:

said medium is a medium loaded or integrated into an information processing apparatus provided with a communication function;

said medium access device instructs said information processing apparatus to obtain time data and position data;

said information processing apparatus sends, together with client identification information stored in said medium, the time data and the position data transferred from said medium access device or obtained in response to an instruction from said medium access device to said picture production apparatus; and

said picture production apparatus manages the client identification information, the time data, and the position data sent from said information processing apparatus, and obtains the time data and the position data based on the

client identification information read from said medium, thereby extracting a picture in accordance with the action of the user based on the time data and the position data.

9. A picture production system according to claim 8, wherein said information processing apparatus stores the time data and the position data transferred from said medium access device into said medium, and sends the client identification information, the time data, and the position data read from said medium to said picture production apparatus.

10. A picture production system according to claim 8, wherein said information processing apparatus comprises position detecting means, and sends position data detected by the position detecting means to said picture production apparatus.

11. A picture production system according to claim 8, wherein said information processing apparatus comprises timing means, and sends time data obtained by the timing means to said picture production apparatus.

12. A picture production system according to claim 2, wherein said medium access device accesses said medium

according to a contact or wired-connection method.

13. A picture production system according to claim 1, wherein:

said medium is a medium loaded or integrated into a information processing apparatus provided with a recording function; and

said picture production apparatus produces a picture with sound based on the picture extracted from the pictures taken by said at least one photographic device and sound recorded by said information processing apparatus.

14. A picture production system according to claim 13, wherein said information processing apparatus stores audio data corresponding to time information in said medium or another storage means provided in said information processing apparatus by using the recording function.

15. A picture production system according to claim 14, wherein said information processing apparatus is provided with a communication function, and outputs the audio data recorded by the recording function in association with the time information by using the communication function.

16. A picture production system according to claim 1,

wherein:

said medium is a medium loaded or integrated into an information processing apparatus provided with a photographic function; and

said picture production apparatus produces an edited picture for the user by using the picture extracted from the pictures taken by said at least one photographic device and a picture taken by said information processing apparatus.

17. A picture production system according to claim 16, wherein said information processing apparatus stores picture data corresponding to time information in said medium or another storage means provided in said information processing apparatus by using the photographic function.

18. A picture production system according to claim 16, wherein said information processing apparatus is provided with a communication function, and outputs picture data taken by the photographic function in association with time information by using the communication function.

19. A picture production system according to claim 2, wherein said picture production apparatus associates the time data with a time code added to a picture taken by said at least one photographic device so as to extract a picture

in accordance with the action of the user by using the time data and the position data.

20. A picture production system according to claim 1, wherein:

said medium is a medium loaded or integrated into an information processing apparatus provided with a position detecting function for detecting a position of the user when taking a picture by said at least one photographic device; and

said picture production apparatus edits the picture extracted from the pictures taken by said at least one photographic device by using user position information detected by the position detecting function and position information of said at least one photographic device.

21. A picture production system according to claim 20, wherein said picture production apparatus enlarges, shrinks, or rotates an image for editing a picture by using position information indicating a position of said information processing apparatus detected by the position detecting function and the position information of said at least one photographic device.

22. A picture production system according to claim 20,

wherein said information processing apparatus stores the user position information detected by the position detecting function in said medium or another storage means provided in said information processing apparatus.

23. A picture production system according to claim 20, wherein said information processing apparatus is provided with a communication function, and outputs the user position information detected by the position detecting function by using the communication function.

24. A picture production system according to claim 1, wherein said picture production apparatus produces an edited picture for the user by using a picture extracted from the pictures taken by said at least one photographic device and additional picture or additional sound.

25. A picture production system according to claim 24, wherein said picture production apparatus selects the additional picture or the additional sound used for producing an edited picture based on user information.

26. A picture production system according to claim 1, wherein:

said medium is a medium loaded or integrated into an

information processing apparatus provided with a data selection function; and

said picture production apparatus extracts a picture in accordance with the action of the user from the pictures taken by said at least one photographic device at least based on data selected by the data selection function among the data stored in said medium.

27. A picture production system according to claim 1, wherein:

said at least one photographic device is disposed at a predetermined place within a photographic-service receiving area; and

said picture production apparatus produces an edited picture when said medium leaves the photographic-service receiving area.

28. A picture production apparatus comprising:

picture storage means for storing pictures from at least one photographic device which is disposed at a predetermined place to take pictures;

reading means for reading data from a medium which is capable of reading or writing data; and

picture production means for producing a picture by extracting a picture in accordance with an action of a user

owning the medium from the pictures stored in said picture storage means based on the data read from the medium by said reading means and by editing the picture related to the user.

29. A picture production apparatus according to claim 28, wherein:

the medium stores time data and position data written into the medium by at least one medium access device fixed at a predetermined place; and

said picture production means extracts a picture in accordance with the action of the user by using the time data and the position data read from the medium by said reading means.

30. A picture production apparatus according to claim 28, wherein user identification information is stored in the medium, said picture production apparatus further comprising client-data management means for managing the user identification information, time data, and position data sent from at least one medium access device fixed at a predetermined place, wherein:

said client-data management means obtains the time data and the position data based on the user identification information read from the medium by said reading means; and

said picture production means extracts a picture in

accordance with the action of the user by using the time data and the position data.

31. A picture production apparatus according to claim 28, wherein user identification information is stored in the medium, said picture production apparatus further comprising client-data management means for managing the user identification information, time data, and position data sent from a communication device owned by the user, wherein:

said client-data management means obtains the time data and the position data based on the client identification information read from the medium by said reading means; and

said picture production means extracts a picture in accordance with the action of the user based on the time data and the position data.

32. A picture production apparatus according to claim 28, wherein said picture production means produces an edited picture by adding an additional picture or additional sound to the extracted picture.

33. A picture production apparatus according to claim 32, further comprising:

user-information management means for storing and managing user information; and

additional-information storage means for storing additional pictures or additional sound,

wherein said picture production means produces an edited picture by using the additional picture or additional sound selected from said additional-information storage means by said user-information management means based on the user information.

34. A picture production apparatus according to claim 28, further comprising recording means for recording the edited picture produced by said picture production means into a portable recording medium.

35. A picture production apparatus according to claim 28, further comprising distribution means for distributing the edited picture produced by said picture production means.

36. A picture production apparatus according to claim 28, further comprising accounting means for performing accounting processing for the edited picture produced by said picture production means for the user.

37. A picture production apparatus according to claim 28, further comprising sound storage means for storing audio data recorded by a recorder owned by the user,

wherein said picture production means produces an edited picture with sound for the user by using a picture extracted from said picture storage means and sound extracted from said sound storage means.

38. A picture production apparatus according to claim 29, wherein said picture production means performs calibration processing for associating the time data with a time code added to a picture taken by said at least one photographic device so as to extract a picture in accordance with the action of the user by using the time data and the position data.

39. A picture production apparatus according to claim 28, further comprising:

user-position-information storage means for storing user position information detected by an information processing apparatus owned by the user; and

photographic-device-position storage means for storing position information of said at least one photographic device,

wherein said picture production means edits a picture extracted from said picture storage means by using the user position information searched from said user-position-information storage means and the photographic-device

position information searched from said photographic-device-position information storage means.

40. A picture production apparatus according to claim 39, wherein said picture production means enlarges, shrinks, or rotates an image for editing a picture extracted from said picture storage means by using the user position information and the photographic-device position information.

41. A picture production apparatus according to claim 28, further comprising user-picture storage means for storing picture data taken by a photographic machine owned by the user,

wherein said picture production means produces an edited picture for the user by using a picture extracted from said picture storage means and a picture extracted from said user-picture storage means.

42. A picture production apparatus according to claim 28, wherein said picture production apparatus is disposed at a predetermined place within a photographic-service receiving area, and produces the edited picture when the medium leaves the photographic-service receiving area.

43. A picture production method comprising:

a picture storage step of storing pictures from at least one photographic device which is disposed at a predetermined place to take pictures;

a reading step of reading data from a medium which is capable of reading or writing data; and

a picture production step of producing a picture by extracting a picture in accordance with an action of a user owning the medium from the pictures stored in said picture storage step based on the data read from the medium in said reading step and by editing the picture related to the user.

44. A picture production method according to claim 43, wherein:

the medium stores time data and position data written into the medium by at least one medium access device fixed at a predetermined place; and

said picture production step extracts a picture in accordance with the action of the user by using the time data and the position data read from the medium in said reading step.

45. A picture production method according to claim 43, wherein user identification information is stored in the medium, said picture production method further comprising:

a client-data management step of managing the user

identification information, time data, and position data sent from at least one medium access device fixed at a predetermined place; and

an obtaining step of obtaining the time data and the position data based on the user identification information read from the medium in said reading step,

wherein, in said picture production step, a picture in accordance with the action of the user is extracted by using the time data and the position data obtained in said obtaining step.

46. A picture production method according to claim 43, wherein user identification information is stored in the medium, said picture production method further comprising:

a client-data management step of managing the user identification information, time data, and position data sent from a communication device owned by the user; and

an obtaining step of obtaining the time data and the position data based on the client identification information read from the medium in said reading step,

wherein, in said picture production step, a picture in accordance with the action of the user is extracted based on the time data and the position data.

47. A picture production method according to claim 43,

further comprising a sound storage step of storing audio data recorded by a recorder owned by the user,

wherein, in said picture production step, an edited picture with sound for the user is produced by using a picture extracted from the pictures stored in said picture storage step and sound extracted from the sound stored in said sound storage step.

48. A picture production method according to claim 43, further comprising a user-picture storage step of storing picture data taken by a photographic machine owned by the user,

wherein, in said picture production step, an edited picture for the user is produced by using a picture extracted from the pictures stored in said picture storage step and a picture extracted from the pictures stored in said user-picture storage step.

49. A picture production method according to claim 44, wherein, in said picture production step, the time data is associated with a time code added to a picture stored in said picture storage step so as to extract a picture in accordance with the action of the user by using the time data and the position data.

50. A picture production method according to claim 43, wherein, in said picture production step, an edited picture is produced by adding an additional picture or additional sound to the extracted picture.

51. A picture production method according to claim 50, wherein the additional picture or the additional sound is selected based on user information.

52. A picture production method according to claim 43, wherein, in said picture production step, an extracted picture is edited by using user position information detected by an information processing apparatus owned by the user and position information of said at least one photographic device.

53. A picture production method according to claim 52, wherein, in said picture production step, an image is enlarged, shrunk, or rotated for editing a picture by using the user position information and the position information of said at least one photographic device.

54. A picture production method according to claim 43, wherein said picture production step is performed when the medium leaves the photographic-service receiving area.